

# How to find the default gateway IP address

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In most cases, the default IP address is the private IP address assigned to your router. This is the IP address that your router uses to communicate with the home network (local area network).

Although it may take some time to perform the necessary steps, the default gateway IP address is stored in Windows network settings and is really easy for users to find.

**Required time** : It will take a few minutes to locate your default gateway IP address in Windows, even less if you use the ipconfig method (to be covered later in this article), a The process you might like, if you have experience working with commands in Windows.

**Note** : You can find the default port of your computer as described below in any Windows version, including Windows 10, Windows 8, Windows 7, Windows Vista and Windows XP. Instructions for MacOS, Linux, Android and iOS operating systems can be found at the bottom of the page.

## How to find the default gateway IP address

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## How to find the default gateway IP address in Windows?

**Note** : The instructions below will only work to find the default gateway IP address on the wireless network, "basic" wired network and small business network. Larger networks, with more than one router and simple network hubs, can have multiple ports, so the determination will be more complex.

1. Open Control Panel, accessible via the **Start** menu in most versions of Windows.

**Tip** : If you are using Windows 10 or Windows 8.1, you can shorten this process by using the **Network Connections** link on the Power User Menu, accessible via the **WIN + X** shortcut. Go to step 4 (Windows 10) or

step 5 (Windows 8) after opening Control Panel.

2. Click **Network and Internet** . This link is called **Network and Internet Connections** in Windows XP.

**Note** : You will not see this link if your Control Panel view is set to **Large icons**, **Small icons** , or **Classic View**. Instead, click **Network and Sharing Center** and go to step 4. In Windows XP, click **Network Connections** and go to step 5.

3. In the **Network and Internet** window:

1. Windows 10, 8, 7, Vista: Click the **Network and Sharing Center** , most likely the link at the top.
2. Only Windows XP: Click the **Network Connections** link at the bottom of the window and then go to step 5 below.

4. Open the **Network Connections** screen .

1. Windows 10: Click **Change adapter options** near the center of the window. If you have done this step through Control Panel, click **Change adapter settings** from the left panel.
2. Windows 8 and 7: Click **Change adapter settings** from the left panel.
3. Windows Vista: Click **Manage network connections** from the left panel.

**Note** : Although the content of these links indicates that you are ' changing ' or '**manage**' installing the adapter, don't worry, you won't make changes to any Every network installation in Windows runs out. All you do is see the default IP port configured.

5. Locate the network connection where you want to see the default IP port.

**Tip**: On most Windows computers, wired network connections may be labeled as **Ethernet** or **Local Area Connection**, and your wireless network connection may be labeled as **Wi-Fi** or **Wireless Network Connection**.

**Note** : Windows can connect to multiple networks at once, so you may see some connections on this screen. Usually, especially if your network connection is active, you can immediately exclude any connections in the **Not connected** or **Disabled state**. If you still have trouble determining the connection to use, change the view to **Details** and note the information in the **Connectivity** column .

6. Double-click the network connection.

This will open the **Ethernet Status**, **Local Area Connection Status** dialog box , **Wi-Fi Status** or some other Status, depending on the name of the network connection.

**Note** : Instead, if you get **Properties, Devices and Printers** or some other window or message, it means that the network connection you choose does not have a status to show you, meaning that it doesn't is connected to the network or the Internet. Review step 5 and find another connection.

7. Click **Details**.

**Tip** : Only in Windows XP, you will need to click the **Support** tab before you see the **Details** . button .

8. Locate the default IPv4 port location, default IPv6 gateway or other default gateway in the **Property** column , depending on the type of network you are using.

9. Locate the IP address listed as a **Value** for that attribute. This is the default IP address that Windows is using at this time.

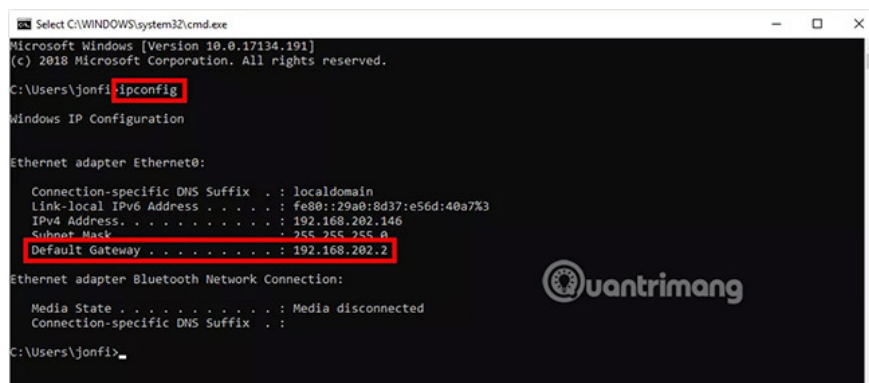
**Note:** If there is no IP address listed in the **Property**, the connection you selected in step 5 may not be the Windows address you are using to connect you to the Internet. Make sure this is the right connection.

**Tip :** Recording your default IP port is a good idea, if you want to avoid repeating these steps the next time you need it.

10. You can now use the default gateway IP address to troubleshoot the connection you may encounter, to access your router or perform any other tasks that you think of.

## How to find the default gateway IP address via IPCONFIG?

The ipconfig command is a very effective tool for quick access to your default gateway IP address:



```
Microsoft Windows [Version 10.0.17134.191]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\jonfi> ipconfig

Windows IP Configuration

Ethernet adapter Ethernet0:

    Connection-specific DNS Suffix  . : localdomain
    Link-local IPv6 Address . . . . . : fe80::29a0:8d37:e56d:40a7%3
    IPv4 Address. . . . . : 192.168.202.146
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.202.2

Ethernet adapter Bluetooth Network Connection:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

C:\Users\jonfi>
```

1. Open **Command Prompt**.

2. Execute the following order:

```
ipconfig
```

( **Note :** There is no distance between 'ip' and 'config', there is no switch or other option).

3. Locate the value next to **Default Gateway**.

Depending on your version of Windows, how many network adapters and connections, and how to configure your computer, you can get something very simple or very complicated.

What you are looking for is the IP address listed as **Default Gateway** below the title for the connection you are interested in. See step 5 in the above process if you are not sure which connection is important.

4. You will now know your default port.

Here is an example of the **ipconfig** command :

```
. Ethernet adapter Ethernet: Connection-specific DNS Suffix . : Link-local IPv6
```

As you can see, the default port for Ethernet connection is listed as **192.168.202.2**. This is also what you are looking for, for whatever connection you care about.

```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.17134.228]
(c) 2018 Microsoft Corporation. All rights reserved.

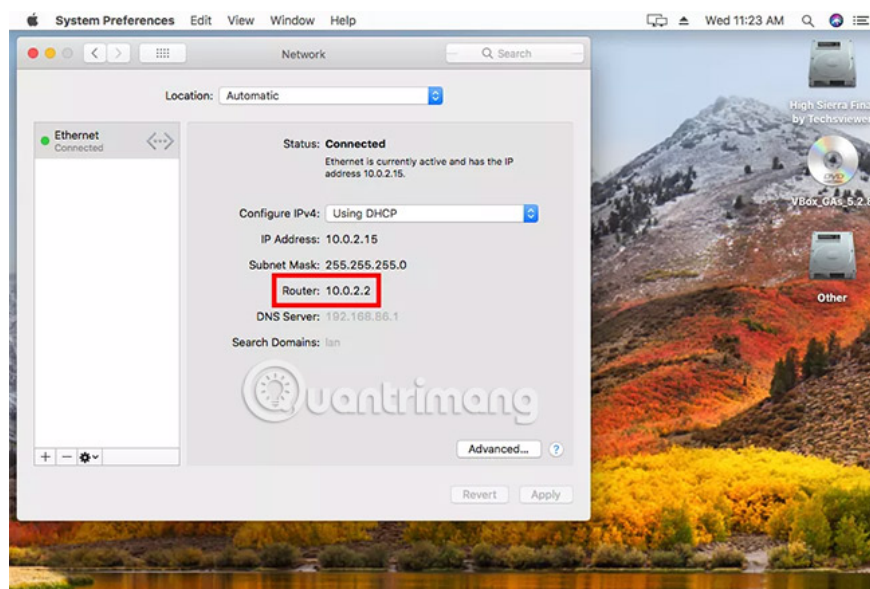
C:\Users\jonfi>ipconfig | findstr "Default Gateway"
Default Gateway . . . . . : 192.168.202.2

C:\Users\jonfi>
```

If there is too much information to consider, you can try executing **ipconfig | findstr "Default Gateway"** instead. It significantly changes the data returned in the Command Prompt window. However, this method is only useful if you know that you only have one active connection because many connections will display their default ports, without any additional context of connecting them to be applied.

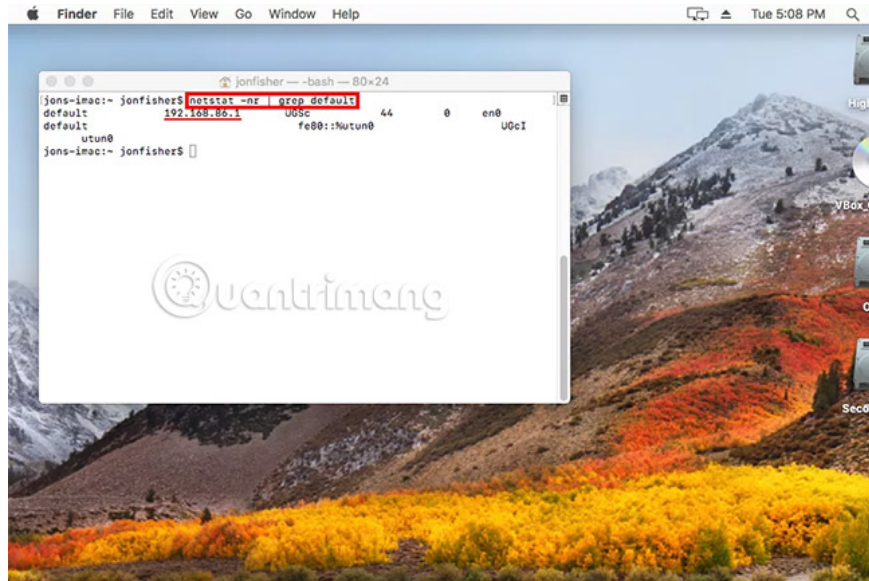
## Find your default port on Mac or Linux

On MacOS computers, there are two ways to find the default port: Via a graphical program and through the command line.



The easiest way to locate the default Mac port is through **System Preferences**. Click on the **Internet** and locate the IP address next to the **Router**.

Another way to find the default port of a Mac is to use the following **netstat** command:



```
netstat -nr | grep default
```

Execute that command from the Terminal application.

On most Linux-based computers, you can display your default IP port by doing the following:

```
ip route | grep default
```

Like on a Mac, execute the above command through Terminal.

## Locate the default port on iPhone or Android

The easiest way to locate the default port on your phone or tablet, regardless of whether it is iOS or Android, is to visit the <http://whatsmyrouterip.com/> website . It will try to probe the network for the default port from the web browser, so it also works on the desktop.

### Your router's local (private) IP is:

For you internal network, we will need to probe the network for a short while to see which one your router responds on. Click the button to proceed.

Router Private IP: 192.168.1.1 [Open](#)

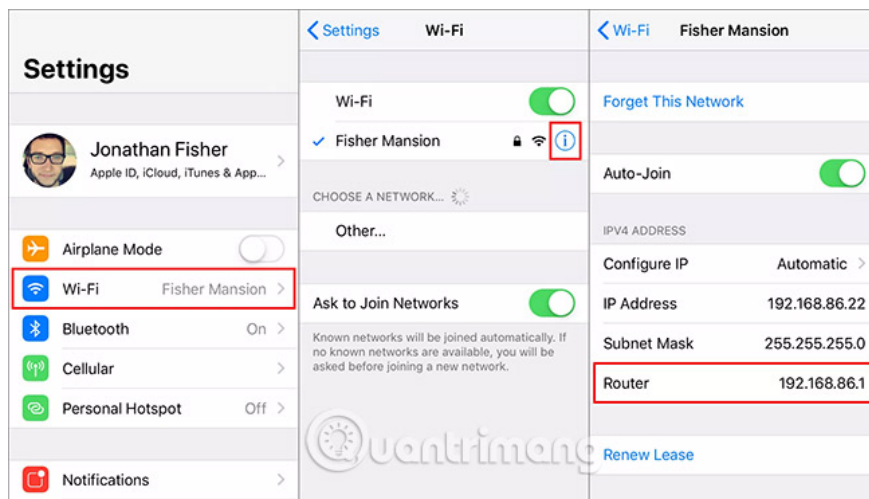
Common routers with this IP are: Linksys, Netgear, ASUS, TP-LINK, D-Link, ZyXEL, Cisco, EnGenius, TRENDnet, Huawei, Tenda, Actiontec, Ubiquiti Networks, LevelOne, Buffalo, Edimax, AboCom, Motorola

Not correct?, [Click here to continue probing.](#)

Open the link above and see the section called " **Your router's local (private) IP is** " for the **router's private IP** .

This is not the best way to find the default port, but it works fast and usually returns the correct IP address. However, if the IP address is displayed incorrectly, you can check the router's IP address from the network settings on your iPhone, iPad, iPod touch, Android phone or tablet.

If you are using an iOS device, go to **Settings**> **Wi-Fi** and click ( **i** ) small next to the network you are connected to. Find the default port next to the **Router** section .



The instructions to find the default port on Android depend a lot on the version you are using.

## More information about the default port of the computer

Unless you change the IP address of your router or computer directly connected to the modem to access the Internet, the default gateway IP address used by Windows will never change.

If you still have trouble locating the default port for your computer or device, especially if your ultimate goal is to access the router, you may be lucky to try the default IP address from your home. Produce your router specified.

Check NETGEAR's default password list, D-Link, Linksys and Cisco updated on **Quantrimang** for those IP addresses.

Good luck!

See more:

1. How to determine the device IP address on the local network
2. Instructions on how to determine the IP address on the computer
3. How to check geographical location via IP

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